194LA161751

Allen-Bradley 194L Cam Switch 1Pole 16A Base Mount 90 Degree Off On



Component type	Off-load switch
Range	194L
Model	N/A
Product status	Existing

The Allen-Bradley 194L range of rotary cam switches are designed for use in control and load switching based applications rated from 12A to 40A. Modular in design and available with a range of frame sizes, faceplate and switch body designs for various switching configurations. Optional accessories include shaft extensions and enclosures for various applications.

ELECTRICAL	Number of poles	1
	Rated uninterrupted current Iu	16 A
	Rated operation current Ie at AC-15, 230 V	6 A
	Rated operation current Ie at AC-15, 400 V	4 A
	Rated operation current Ie at AC-22a, 690 V	16 A
	Rated operation current Ie at AC-22a, 220-500 V	16 A
	Rated operation current Ie at AC-21a, 690V	16 A
	Rated operation current Ie at AC-1, 690V	16 A
	Ithe, thermal current (enclosed)	16 A
	Ith, thermal current (open)	20 A
	Number of auxiliary contacts as normally closed contact	0
	Number of auxiliary contacts as normally open contact	0
	Number of auxiliary contacts as change-over contact	0
	Type of electrical connection of main circuit	Screw connection
CONSTRUCTION	Model	On/Off switch
	Mounting method	DIN rail
	Material housing	Plastic
	Wire/conductor size, rigid cable	1-2.5 mm²
	Wire/conductor size, flex cable	1-2.5 mm²
	Degree of protection (IP), front side	IP20
	Suitable for front mounting	No
	Suitable for distribution board installation	No
	Complete device in housing	No
MECHANICAL	With zero (off) position	Yes

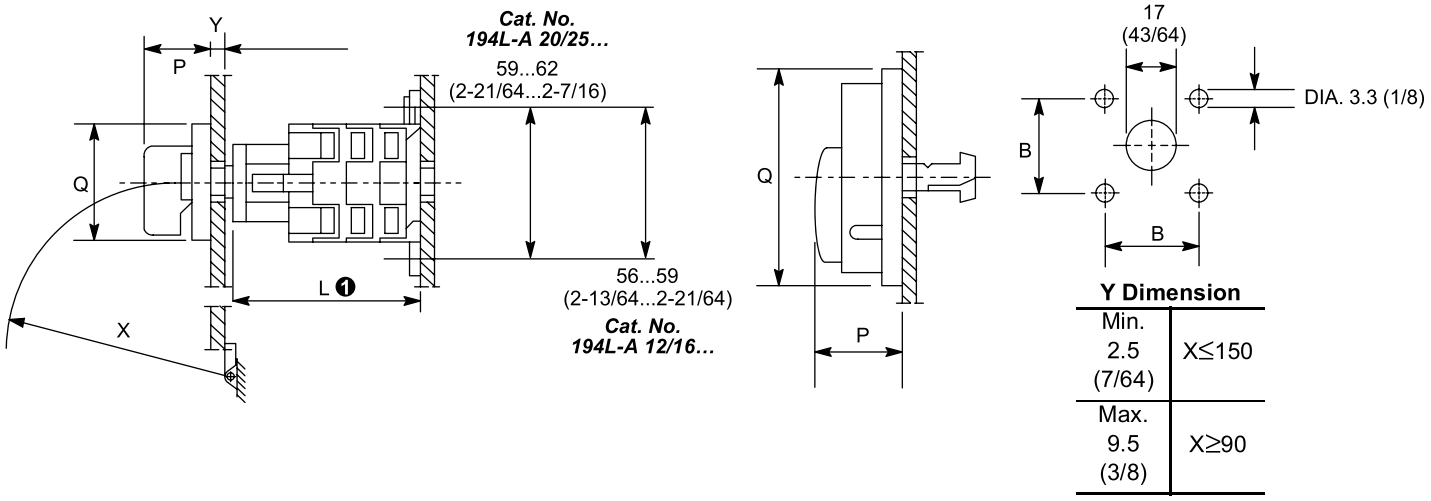
Published on 03 August 2026

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MECHANICAL	Mechanical life (service cycles)	1000000 cycles
	Number of switch positions	2
	With retraction in 0-position	No
DIMENSIONS	Depth	58 mm
	Height	59 mm
ENVIRONMENT	Operating temperature	-25…60 °C

DIMENSIONAL DIAGRAM



Y Dimension

Min. 2.5 (7/64)	X≤150
Max. 9.5 (3/8)	X≥90

Cat. No.	L ❶			
	No. of Contacts			
	1 – 2	3 – 4	5 – 6	7 – 8
194L-A12/16...	58 (2-9/32)	68 (2-11/16)	78 (3-5/64)	88 (3-15/32)
194L-A20/25...	58 (2-9/32)	71.5 (2-13/16)	84 (3-5/16)	96.5 (3-51/64)

Control Knob

Cat. No.	P	B	Q
194L-HE4A…	28 (1-7/64)	36 (1-27/64)	48 (1-57/64) x 48 (1-57/64)
194L-HE4I…			
194L-HE4S…			48 (1-57/64) x 62 (2-7/16)
194L-HE6A…		48 (1-57/64)	64 (2-33/64) x 64 (2-33/64)
194L-HE6I…			
194L-HE6S…			64 (2-33/64) x 78 (3-5/64)
194L-HE6N…	34 (1-11/32)		67 (2-41/64) x 67 (2-41/64)
194L-HE6G…			

❶ With DIN 46 277 (35) Rail + 2.5 mm (7/64)

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